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Guidant Disclosure No: 17520

PTO/SB/21 (12/97)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 09/506,081

Filing Date 2/16/2000

First Named Inventor Jessica Chiu, et al.

Group Art Unit 3739

Examiner Name Unassigned

Attorney Docket Number 003764.P025

ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Preliminary Amendment
- After Final
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition Checklist and Accompanying Petition
- To Convert a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Additional Enclosure(s) (please identify below):

Postcard & Check No. 00837

Remarks
Please charge any additional fees due or credit any overpayments to Deposit Account 02-2666.

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name George P. Simion, Reg. No. P-47,089
Blakely, Sokoloff, Taylor & Zafman
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026

Signature

Date Aug. 11, 2000

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

8/11/2000

Typed or printed name June Y. Criner

Signature

Date

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Small Entity payments *must* be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 324.00)

Complete if Known

Application Number	09/506,081
Filing Date	2/16/2000
First Named Inventor	Jessica Chiu, et al.
Examiner Name	Unassigned
Group / Art Unit	3739
Attorney Docket No.	003764.P025

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
142	-137* = 5	x 18.	= 90.
Independent Claims 16	-13** = 3	x 78.	= 234.
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$324.00)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	George P. Simion	Registration No. (Attorney/Agent)	P-47,089	Telephone	512/330-0844
Signature				Date	Aug. 11, 2000

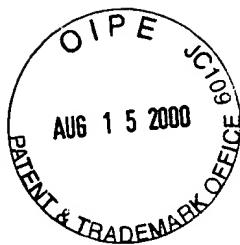
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J. Douglas
#6 Prea

Attorney Docket Number: 3764.P025

9/8/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
CHIU, J., et al.) Examiner: Unassigned
Application No.: 09/506,081) Art Unit: 3739
Filed: February 16, 2000)
For: MULTI-LUMEN FLUTED BALLOON)
RADIATION CENTERING CATHETER)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Applicant respectfully requests that this Preliminary Amendment be entered prior to examination of the above-identified patent application.

IN THE CLAIMS

08/17/2000 YPOLITE1 00000051 09506081

01 FC:102
02 FC:103

234.00 OP
90.00 OP

Please add new claims 138-142.

138. (New) A balloon catheter assembly comprising:
a multi-lumen balloon having a plurality of inflatable outer lumens disposed around
a central lumen; and
a catheter shaft disposed proximate to the multi-lumen balloon and coupled to the
multi-lumen balloon, the catheter shaft including a shaft inner lumen through at least a